



## Supported RFCs



## Fortinet - Supported RFCs

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# Change Log

Date	Change Description

# FortiAnalyzer - Supported RFCs

## RFC 2665

### Description

Ethernet-like MIB parts that apply to FortiAnalyzer units.

### Category

FortiAnalyzer

### Webpage

<http://tools.ietf.org/html/rfc2665>

## RFC 1918

### Description

Address Allocation for Private Internets.

### Category

FortiAnalyzer

### Webpage

<http://tools.ietf.org/html/rfc1918>

## RFC 1213

### Description

MIB II parts that apply to FortiAnalyzer units.

### Category

FortiAnalyzer

### Webpage

<http://tools.ietf.org/html/rfc1213>

# FortiMail - Supported RFCs

For a complete list of FortiMail's supported RFCs and standards, refer to FortiMail documentation at <http://docs-legacy.fortinet.com/fmail.html>.

Download the *FortiMail Administration Guide* for your release and navigate to "Appendix A: Supported RFCs".

# FortiManager - Supported RFCs

## RFC 3414

### Description

User-based Security Model (Partial support).

### Category

FortiManager (SNMP)

### Webpage

<http://tools.ietf.org/html/rfc3414>

## RFC 2665

### Description

Ethernet-like MIB parts that apply to FortiManager units.

### Category

FortiManager (SNMP)

### Webpage

<http://tools.ietf.org/html/rfc2665>

## RFC 1213

### Description

MIB II parts that apply to FortiManager units.

### Category

FortiManager (SNMP)

### Webpage

<http://tools.ietf.org/html/rfc1213>

## Notes :

RFC support for SNMP v3 includes Architecture for SNMP Frameworks (RFC 3411).

Generic Fortinet traps : ColdStart, WarmStart, LinkUp, LinkDown, as described in RFC 1215.

# FortiOS - Supported RFCs

## RFC 6691

### Description

TCP Options and Maximum Segment Size (MSS)

### Category

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

### Webpage

<http://tools.ietf.org/html/rfc6691>

## RFC 6343

### Description

Advisory Guidelines for 6to4 Deployment.

### Category

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

### Webpage

<http://tools.ietf.org/html/rfc6343>

## RFC 6147

### Description

DNS64: DNS Extensions for Network Address Translation from IPv6 Clients to IPv4 Servers.

### Category

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

### Webpage

<http://tools.ietf.org/html/rfc6147>

## RFC 6146

### Description

Stateful NAT64: Network Address and Protocol Translation from IPv6 Clients to IPv4 Servers.

### Category

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

### Webpage

<http://tools.ietf.org/html/rfc6146>



## RFC 5952

### Description

A Recommendation for IPv6 Address Text Representation.

### Category

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

### Webpage

<http://tools.ietf.org/html/rfc5952>

### Obsoletes:

- RFC 4291

## RFC 5881

### Description

Bidirectional Forwarding Detection (BFD) for IPv4 and IPv6 (Single Hop)

### Category

Router (BGP)

### Webpage

<http://tools.ietf.org/html/rfc5881>

## RFC 5880

### Description

Bidirectional Forwarding Detection.

### Category

Router (BGP)

### Webpage

<http://tools.ietf.org/html/rfc5880>

## RFC 5709

### Description

OSPFv2 HMAC-SHA Cryptographic Authentication

### Category

Router (OSPF)

### Webpage

<http://tools.ietf.org/search/rfc5709>

### Updates

- RFC 2328

## RFC 5340

### Description

OSPF for IPv6.

### Category

Router (OSPF)

### Webpage

<http://tools.ietf.org/html/rfc5340>

### Obsoletes:

- RFC 2740

## RFC 5310

### Description

IS-IS Generic Cryptographic Authentication.

### Category

Router (IS-IS)

### Webpage

<http://tools.ietf.org/html/rfc5310>

## RFC 5308

### Description

Routing IPv6 with IS-IS.

### Category

Router (IS-IS)

### Webpage

<http://tools.ietf.org/html/rfc5308>

## RFC 5280

### Description

Internet X.509 Public Key Infrastructure Certificate and Certificate Revocation List (CRL) Profile.

### Category

VPN (IPSec, PPTP, L2TP)

### Webpage

<http://tools.ietf.org/html/rfc5280>

### Obsoletes:

- RFC 3280
- RFC 4325
- RFC 4630

## RFC 5214

### Description

Intra-Site Automatic Tunnel Addressing Protocol (ISATAP).

### Category

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

### Webpage

<http://tools.ietf.org/html/rfc5214>

### Obsoletes:

- RFC 4214

## RFC 5175

### Description

IPv6 Router Advertisement Flags Option.

### Category

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

### Webpage

<http://tools.ietf.org/html/rfc5175>

### Obsoletes:

- RFC 5075

## RFC 5095

### Description

Deprecation of Type 0 Routing Headings in IPv6.

### Category

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

### Webpage

<http://tools.ietf.org/html/rfc5095>

### Updates:

- RFC 2460
- RFC 4294

## RFC 5059

### Description

Bootstrap Router (BSR) Mechanism for Protocol Independent Multicast (PIM)

### Category

Router (PIM)

### Webpage

<http://tools.ietf.org/search/rfc5059>

### Updates

- RFC 4601

## RFC 4966

### Description

Reasons to Move the Network Address Translator - Protocol Translator (NAT-PT) to Historic Status.

### Category

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

### Webpage

<http://tools.ietf.org/html/rfc4966>

### Obsoletes:

- RFC 2766

## RFC 4960

### Description

Stream Control Transmission Protocol.

### Category

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

### Webpage

<http://tools.ietf.org/html/rfc4960>

### Obsoletes:

- RFC 2960
- RFC 3309

## RFC 4941

### Description

Privacy Extensions for Stateless Address Autoconfiguration in IPv6.

### Category

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

### Webpage

<http://tools.ietf.org/html/rfc4941>

### Obsoletes:

- RFC 3041

## RFC 4893

### Description

BGP Support for Four-octet AS Number Space

### Category

Router Internal BGP (IBGP)

### Webpage

<http://tools.ietf.org/html/rfc4893>

## RFC 4884

### Description

Extended ICMP to Support Multi-Part Messages.

### Category

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

### Webpage

<http://tools.ietf.org/html/rfc4884>

### Updates:

- RFC 792
- RFC 4443

## RFC 4862

### Description

IPv6 Stateless Address Auto-configuration.

### Category

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

### Webpage

<http://tools.ietf.org/html/rfc4862>

### Obsoletes:

- RFC 2462

## RFC 4861

### Description

Neighbor Discovery for IP version 6 (IPv6).

### Category

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

### Webpage

<http://tools.ietf.org/html/rfc4861>

### Obsoletes:

- RFC 2461

## RFC 4822

### Description

RIPv2 Cryptographic Authentication

### Category

Router (RIP)

### Webpage

<http://tools.ietf.org/html/rfc4822>

## RFC 4813

### Description

OSPF Link-Local Signaling.

### Category

Router (OSPF)

### Webpage

<http://tools.ietf.org/html/rfc4813>

## RFC 4812

### Description

OSPF Restart Signaling.

### Category

Router (OSPF)

### Webpage

<http://tools.ietf.org/html/rfc4812>

## RFC 4811

### Description

OSPF Out-of-Band Link State Database (LSDB) Resynchronization.

### Category

Router (OSPF)

### Webpage

<http://tools.ietf.org/html/rfc4811>

## RFC 4784

### Description

Verizon Wireless Dynamic Mobile IP Key Update for cdma2000(R) Networks

### Category

Wireless

### Webpage

<http://tools.ietf.org/html/rfc4784>

## RFC 4750

### Description

OSPF Version 2 Management Information Base.

### Category

Router (OSPF)

### Webpage

<http://tools.ietf.org/html/rfc4750>

### Obsoletes:

- RFC 1850

## RFC 4724

### Description

Graceful Restart Mechanism for BGP

### Category

Router Internal BGP (IBGP)

### Webpage

<http://tools.ietf.org/html/rfc4724>

## RFC 4632

### Description

Classless Inter-domain Routing (CIDR): The Internet Address Assignment and Aggregation Plan (BCP0122).

### Category

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

### Webpage

<http://tools.ietf.org/html/rfc4632>

## RFC 4630

### Description

Update to Directory String Processing in the Internet X.509 Public Key Infrastructure Certificate and Certificate Revocation List (CRL) Profile.

### Category

VPN (IPSec, PPTP, L2TP)

### Webpage

<http://tools.ietf.org/html/rfc4630>

### Obsoleted by:

- RFC 5280

## RFC 4604

### Description

Using Internet Group Management Protocol Version 3 (IGMPv3) and Multicast Listener Discovery Protocol Version 2 (MLDv2) for Source-Specific Multicast

### Category

Router (PIM)

### Webpage

<http://tools.ietf.org/html/rfc4604>

### Updates:

- RFC 3376



## RFC 4604

### Description

Using Internet Group Management Protocol Version 3 (IGMPv3) and Multicast Listener Discovery Protocol Version 2 (MLDv2) for Source- Specific Multicast.

### Category

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

### Webpage

<http://tools.ietf.org/html/rfc4604>

## RFC 4601 (Updated)

### Description

Protocol Independent Multicast - Sparse Mode (PIM-SM): Protocol Specification (Revised)

### Category

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

Router (PIM)

### Webpage

<http://tools.ietf.org/html/rfc4601>

### Obsoletes:

- RFC 2362

### Updated by:

- RFC 5059

## RFC 4513

### Description

Lightweight Directory Access Protocol (LDAP): Authentication Methods and Security Mechanisms

### Category

User (RADIUS, LDAP)

### Webpage

<http://tools.ietf.org/html/rfc4513>

## RFC 4512

### Description

Lightweight Directory Access Protocol (LDAP): Directory Information Models

### Category

User (RADIUS, LDAP)

### Webpage

<http://tools.ietf.org/html/rfc4512>

## RFC 4511

### Description

Lightweight Directory Access Protocol (LDAP): The Protocol

### Category

User (RADIUS, LDAP)

### Webpage

<http://tools.ietf.org/html/rfc4511>

## RFC 4456

### Description

BGP Route Reflection: An Alternative to Full Mesh Internal BGP (IBGP)

### Category

Router (BGP)

Router Internal BGP (IBGP)

### Webpage

<http://tools.ietf.org/html/rfc4456>

### Obsoletes:

- RFC 2796

## RFC 4443

### Description

Internet Control Message Protocol (ICMPv6) for the Internet Protocol Version 6 (IPv6) Specification.

### Category

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

### Webpage

<http://tools.ietf.org/html/rfc4443>

### Obsoletes:

- RFC 2463

### Updates:

- RFC 2780

## RFC 4380

### Description

Teredo: Tunneling IPv6 over UDP through Network Address Translations (NATs).

### Category

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

### Webpage

<http://tools.ietf.org/html/rfc4380>

## RFC 4361

### Description

Node-specific Client Identifiers for Dynamic Host Configuration Protocol Version Four (DHCPv4).

### Category

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

### Webpage

<http://tools.ietf.org/html/rfc4361>

### Updates:

- RFC 2131
- RFC 2132
- RFC 3315

## RFC 4360

### Description

BGP Extended Communities Attribute

### Category

Router Internal BGP (IBGP)

:: VPN (IPSec, PPTP, L2TP)

### Webpage

<http://tools.ietf.org/html/rfc4360>

### Updates:

- RFC 3280

## RFC 4325 (Obsoleted)

### Description

Internet X.509 Public Key Infrastructure Authority Information Access Certificate Revocation List (CRL) Extension.

### Category

VPN (IPSec, PPTP, L2TP)

### Webpage

<http://tools.ietf.org/html/rfc4325>

### Obsoleted by:

- RFC 5280

### Updates:

- RFC 3280

## RFC 4306

### Description

Internet Key Exchange (IKEv2) Protocol (support for route-based VPNs only).

### Category

VPN (IPSec, PPTP, L2TP)

### Webpage

<http://tools.ietf.org/html/rfc4306>

## RFC 4301

### Description

Security Architecture for the Internet Protocol.

### Category

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

VPN (IPSec, PPTP, L2TP)

### Webpage

<http://tools.ietf.org/html/rfc4301>

### Obsoletes:

- RFC 2401

## RFC 4293

### Description

Management Information Base for the Internet Protocol (IP) (mandatory functionality supported)

### Category

SNMP

### Webpage

<http://tools.ietf.org/html/rfc4293>

## RFC 4291 (Obsoleted)

### Description

IP Version 6 Addressing Architecture.

### Category

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

### Webpage

<http://tools.ietf.org/html/rfc4291>

### Obsoletes:

- RFC 3513

### Obsoleted by:

- RFC 5952

## RFC 4271

### Description

A Border Gateway Protocol 4 (BGP-4)

### Category

Router Internal BGP (IBGP)

### Webpage

<http://tools.ietf.org/html/rfc4271>

## RFC 4251

### Description

The Secure Shell (SSH) Protocol Architecture.

### Category

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

### Webpage

<http://tools.ietf.org/html/rfc4251>

## RFC 4213

### Description

Basic Transition Mechanisms for IPv6 Hosts and Routers.

### Category

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

### Webpage

<http://tools.ietf.org/html/rfc4213>

### Obsoletes:

- RFC 2893

## RFC 4203

### Description

OSPF Extensions in Support of Generalized Multi- Protocol Label Switching (GMPLS).

### Category

Router (OSPF)

### Webpage

<http://tools.ietf.org/html/rfc4203>

### Updates:

- RFC 3630

## RFC 4133

### Description

Entity MIB (Version 3)

### Category

SNMP

### Webpage

<http://tools.ietf.org/html/rfc4133>

## RFC 4113

### Description

Management Information Base for the User Datagram Protocol (UDP)

### Category

SNMP

### Webpage

<http://tools.ietf.org/html/rfc4113>

## RFC 4022

### Description

Management Information Base for the Transmission Control Protocol (TCP) (partial support only)

### Category

SNMP

### Webpage

<http://tools.ietf.org/html/rfc4022>

## RFC 3973

### Description

Protocol Independent Multicast - Dense Mode (PIM-DM): Protocol Specification (Revised)

### Category

Router (PIM)

### Webpage

<http://tools.ietf.org/html/rfc3973>

## RFC 3971

### Description

SEcure Neighbor Discovery (SEND).

### Category

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

### Webpage

<http://tools.ietf.org/html/rfc3971>

## RFC 3956

### Description

Embedding the Rendezvous Point (RP) Address in an IPv6 Multicast Address.

### Category

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

### Webpage

<http://tools.ietf.org/html/rfc3956>

## RFC 3948

### Description

UDP Encapsulation of IPsec ESP Packets.

### Category

VPN (IPSec, PPTP, L2TP)

### Webpage

<http://tools.ietf.org/html/rfc3948>

## RFC 3947

### Description

Negotiation of NAT-Traversal in the IKE.

### Category

VPN (IPSec, PPTP, L2TP)

### Webpage

<http://tools.ietf.org/html/rfc3947>

## RFC 3927

### Description

Dynamic Configuration of IPv4 Link-Local Addresses.

### Category

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

### Webpage

<http://tools.ietf.org/html/rfc3927>

## RFC 3736

### Description

Stateless Dynamic Host Configuration protocol (DHCP) Service for IPv6.

### Category

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

### Webpage

<http://tools.ietf.org/html/rfc3736>



## RFC 3715

### Description

IPsec-Network Address Translation (NAT) Compatibility Requirements.

### Category

VPN (IPSec, PPTP, L2TP)

### Webpage

<http://tools.ietf.org/html/rfc3715>

## RFC 3706

### Description

A Traffic-Based Method of Detecting Dead Internet Key Exchange (IKE) Peers.

### Category

VPN (IPSec, PPTP, L2TP)

### Webpage

<http://tools.ietf.org/html/rfc3706>

## RFC 3635

### Description

Definitions of Managed Objects for the Ethernet-like Interface Types

### Category

SNMP

### Webpage

<http://tools.ietf.org/html/rfc3635>

## RFC 3633

### Description

IPv6 Prefix Options for Dynamic Host Configuration Protocol (DHCP) version 6.

### Category

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

### Webpage

<http://tools.ietf.org/html/rfc3633>

## RFC 3630 (Updated)

### Description

Traffic Engineering (TE) Extensions to OSPF Version 2.

### Category

Router (OSPF)

### Webpage

<http://tools.ietf.org/html/rfc3630>

### Updated by:

- RFC 4203, OSPF Extensions in Support of Generalized Multi- Protocol Label Switching (GMPLS).

## RFC 3623

### Description

Graceful OSPF Restart From IETF Draft, OSPF Hitless Restart.

### Category

Router (OSPF)

### Webpage

<http://tools.ietf.org/html/rfc3623>

## RFC 3602

### Description

The AES-CBC Cipher Algorithm and Its Use With IPsec.

### Category

VPN (IPSec, PPTP, L2TP)

### Webpage

<http://tools.ietf.org/html/rfc3602>

## RFC 3587

### Description

IPv6 Global Unicast Address Format.

### Category

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

### Webpage

<http://tools.ietf.org/html/rfc3587>

## RFC 3567

### Description

Intermediate System to Intermediate System (IS-IS) Cryptographic Authentication.

### Category

Router (IS-IS)

### Webpage

<http://tools.ietf.org/html/rfc3567>

## RFC 3526

### Description

More Modular Exponential (MODP) Diffie-Hellman groups for Internet Key Exchange (IKE) (All groups available in FIPS builds, only group 5 (1536-bit) group is available in non-FIPS builds.

### Category

VPN (IPSec, PPTP, L2TP)

### Webpage

<http://tools.ietf.org/html/rfc3526>

## RFC 3513 (Obsoleted)

### Description

Internet Protocol Version 6 Address Architecture.

### Category

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

### Webpage

<http://tools.ietf.org/html/rfc3513>

### Obsoleted by:

- RFC 4291

## RFC 3509

### Description

Alternative Implementations of OSPF Area Border Routers.

### Category

Router (OSPF)

### Webpage

<http://tools.ietf.org/html/rfc3509>

## RFC 3494

### Description

Lightweight Directory Access Protocol version 2 (LDAPv2) to Historic Status

### Category

User (RADIUS, LDAP)

### Webpage

<http://tools.ietf.org/html/rfc3494>

## RFC 3493

### Description

Basic Socket Interface Extensions for IPv6.

### Category

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

### Webpage

<http://tools.ietf.org/html/rfc3493>

## RFC 3484

### Description

Default Address Selection for Internet Protocol version 6 (IPv6).

### Category

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

### Webpage

<http://tools.ietf.org/html/rfc3484>

## RFC 3456

### Description

Dynamic Host Configuration Protocol (DHCPv4) Configuration of IPsec Tunnel Mode.

### Category

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

### Webpage

<http://tools.ietf.org/html/rfc3456>

## RFC 3435

### Description

Media Gateway Control Protocol (MGCP) Version 1.0.

### Category

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

### Webpage

<http://tools.ietf.org/html/rfc3435>

## RFC 3417

### Description

Transport Mappings for the Simple Network Management Protocol (SNMP) (STD0062) (UDP only)

### Category

SNMP

### Webpage

<http://tools.ietf.org/html/rfc3417>

## RFC 3416

### Description

Version 2 of the Protocol Operations for the Simple Network Management Protocol (SNMP)(STD0062) (no support for modification values via SNMP)

### Category

SNMP

### Webpage

<http://tools.ietf.org/html/rfc3417>

## RFC 3415

### Description

View-based Access Control Model (VACM) for the Simple Network Management Protocol (SNMP)

### Category

SNMP

### Webpage

<http://tools.ietf.org/html/rfc3415>

## RFC 3414

### Description

User-Based Security Model (USM) for version 3 of the Simple Network Management Protocol (SNMPv3)

### Category

SNMP

### Webpage

<http://tools.ietf.org/html/rfc3414>

### Note :

FortiOS 4.0 MR1 adds the SNMPv3 snmpEngineID value defined in RFC3414. For more details please see the "FortiGate™ Version 4.0 MR1 Administration Guide".

## RFC 3413

### Description

Simple Network Management Protocol (SNMP) Applications

### Category

SNMP

### Webpage

<http://tools.ietf.org/html/rfc3413>

## RFC 3412

### Description

Message Processing and Dispatching for the Simple Network Management Protocol (SNMP)

### Category

SNMP

### Webpage

<http://tools.ietf.org/html/rfc3412>

## RFC 3411

### Description

An Architecture for Describing Simple Network Management Protocol (SNMP) Management Frameworks

### Category

SNMP

### Webpage

<http://tools.ietf.org/html/rfc3411>

## RFC 3410

### Description

Introduction and Applicability Statements for Internet Standard Management Framework

### Category

SNMP

### Webpage

<http://tools.ietf.org/html/rfc3410>

## RFC 3392

### Description

Capabilities Advertisement with BGP-4

### Category

Router Internal BGP (IBGP)

### Webpage

<http://tools.ietf.org/html/rfc3392>

### Obsoletes:

- RFC 2842

## RFC 3376

### Description

Internet Group Management Protocol, Version 3.

### Category

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

### Webpage

<http://tools.ietf.org/html/rfc3376>

### Updated by:

- RFC 4604, Using Internet Group Management Protocol Version 3 (IGMPv3) and Multicast Listener Discovery Protocol Version 2 (MLDv2) for Source-Specific Multicast.

## RFC 3376

### Description

Internet Group Management Protocol, Version 3.

### Category

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

Router (PIM)

### Webpage

<http://tools.ietf.org/html/rfc3376>

### Obsoletes:

- RFC 2236

**Updated by:**

- RFC 4604, Using Internet Group Management Protocol Version 3 (IGMPv3) and Multicast Listener Discovery Protocol Version 2 (MLDv2) for Source-Specific Multicast.

## RFC 3359

**Description**

Reserved Type, Length and Value (TLV) Codepoints in Intermediate System to Intermediate System.

**Category**

Router (IS-IS)

**Webpage**

<http://tools.ietf.org/html/rfc3359>

## RFC 3325

**Description**

Private Extensions to the Session Initiation Protocol (SIP) for Asserted Identity within Trusted Networks

**Category**

Sessions Initiate Protocol (SIP)

**Webpage**

<http://tools.ietf.org/html/rfc3325>

## RFC 3315

**Description**

Dynamic Host Configuration Protocol for IPv6 (DHCPv6).

**Category**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage**

<http://tools.ietf.org/html/rfc3315>



## RFC 3306

### Description

Unicast-Prefix-based IPv6 Multicast Addresses.

### Category

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

### Webpage

<http://tools.ietf.org/html/rfc3306>

## RFC 3280

### Description

Internet X.509 Public Key Infrastructure Certificate and Certificate Revocation List (CRL) Profile.

### Category

VPN (IPSec, PPTP, L2TP)

### Webpage

<http://tools.ietf.org/html/rfc3280>

### Obsoletes:

- RFC 2459

### Updated by:

- RFC 4325
- RFC 4360

## RFC 3262

### Description

Reliability of Provisional Responses in the Session Initiation Protocol (SIP)

### Category

Sessions Initiate Protocol (SIP)

### Webpage

<http://tools.ietf.org/html/rfc3262>

## RFC 3261

### Description

SIP: Session Initiation Protocol

### Category

Sessions Initiate Protocol (SIP)

### Webpage

<http://tools.ietf.org/html/rfc3261>

### Obsoletes:

- RFC 2543

## RFC 3232

### Description

Assigned Numbers:

### Category

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

### Webpage

<http://tools.ietf.org/html/rfc3232>

## RFC 3101

### Description

The OSPF Not-So-Stubby Area (NSSA) Option.

### Category

Router (OSPF)

### Webpage

<http://tools.ietf.org/html/rfc3101>

## RFC 3065

### Description

Autonomous System Confederations for BGP

### Category

Router Internal BGP (IBGP)

### Webpage

<http://tools.ietf.org/html/rfc3065>

## RFC 3056

### Description

Connection of IPv6 Domains via IPv4 Clouds.

### Category

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

### Webpage

<http://tools.ietf.org/html/rfc3056>

## RFC 3053

### Description

IPv6 Tunnel Broker.

### Category

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

### Webpage

<http://tools.ietf.org/html/rfc3053>

## RFC 3022

### Description

Traditional IP Network Address Translator (Traditional NAT).

### Category

VPN (IPSec, PPTP, L2TP)

### Webpage

<http://tools.ietf.org/html/rfc3022>

### Obsoletes:

- RFC 1631

## RFC 2986

### Description

PKCS #10: Certification Request Syntax Specification Version 1.7

### Category

Cryptography (VPN)

### Webpage

<http://tools.ietf.org/html/rfc2986>

## RFC 2979

### Description

Behaviour of and Requirements for Internet Firewalls.

### Category

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

### Webpage

<http://tools.ietf.org/html/rfc2979>

## RFC 2918

### Description

Route Refresh Capability for BGP-4

### Category

Router Internal BGP (IBGP)

### Webpage

<http://tools.ietf.org/html/rfc2918>

## RFC 2908

### Description

The Internet Multicast Address Allocation Architecture.

### Category

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

### Webpage

<http://tools.ietf.org/html/rfc2908>

## RFC 2894

### Description

Router Renumbering for IPv6.

### Category

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

### Webpage

<http://tools.ietf.org/html/rfc2894>

## RFC 2893

### Description

Transition Mechanism for IPv6 Hosts and Routers.

### Category

Router (IS-IS)

### Webpage

<http://tools.ietf.org/html/rfc2893>

### Obsoletes:

- RFC 1933

## RFC 2890

### Description

Key and Sequence Number Extensions to GRE.

### Category

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

### Webpage

<http://tools.ietf.org/html/rfc2890>

## RFC 2866

### Description

RADIUS Accounting

### Category

User (RADIUS, LDAP)

### Webpage

<http://tools.ietf.org/html/rfc2866>

## RFC 2863

### Description

The Interfaces Group MIB

### Category

SNMP

### Webpage

<http://tools.ietf.org/html/rfc2863>

## RFC 2858

### Description

Multiprotocol Extensions for BGP-4

### Category

Router Internal BGP (IBGP)

### Webpage

<http://tools.ietf.org/html/rfc2858>

## RFC 2842 (Obsoleted)

### Description

Capabilities Advertisement with BGP-4

### Category

Router Internal BGP (IBGP)

### Webpage

<http://tools.ietf.org/html/rfc2842>

### Obsoleted by:

- RFC 3392

## RFC 2827

### Description

Network Ingress Filtering: Defeating Denial of Service Attacks which employ IP Source Address Spoofing (BCP0038)

### Category

Filters (Web, Email, NIDS)

### Webpage

<http://tools.ietf.org/html/rfc2827>

### Updated by:

- RFC 3704, Ingress Filtering for Multihomed Networks (BCP0084)

## RFC 2822

### Description

Internet Message Format.

### Category

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

### Webpage

<http://tools.ietf.org/html/rfc2822>

## RFC 2796 (Obsoleted)

### Description

BGP Route Reflection - An Alternative to Full Mesh IBGP.

### Category

Router (BGP)

### Webpage

<http://tools.ietf.org/html/rfc2796>

### Obsoleted by:

- RFC 4456

## RFC 2784

### Description

Generic Routing Encapsulation (GRE).

### Category

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

### Webpage

<http://tools.ietf.org/html/rfc2784>

## RFC 2780

### Description

IANA Allocation Guidelines for the Protocol Field.

### Category

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

### Webpage

<http://tools.ietf.org/html/rfc2780>

## RFC 2740 (Obsoleted)

### Description

OSPF for IPv6.

### Category

Router (OSPF)

### Webpage

<http://tools.ietf.org/html/rfc2740>

### Obsoleted by:

- RFC 5340

## RFC 2675

### Description

IPv6 Jumbograms.

### Category

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

### Webpage

<http://tools.ietf.org/html/rfc2675>

### Obsoletes:

- RFC 2147

## RFC 2665 (Obsoleted)

### Description

Definitions of Managed Objects for the Ethernet-like Interface Types

### Category

SNMP

### Webpage

<http://tools.ietf.org/html/rfc2665>

### Obsoleted by:

- RFC 3635

### Obsoletes:

- RFC 2358

## RFC 2661

### Description

Layer Two Tunneling Protocol "L2TP".

### Category

VPN (IPSec, PPTP, L2TP)

### Webpage

<http://tools.ietf.org/html/rfc2661>

## RFC 2647

### Description

Benchmarking Terminology for Firewall Performance.

### Category

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

### Webpage

<http://tools.ietf.org/html/rfc2647>

## RFC 2637

### Description

Point-to-Point Tunneling Protocol.

### Category

VPN (IPSec, PPTP, L2TP)

### Webpage

<http://tools.ietf.org/html/rfc2637>



## RFC 2631

### Description

Diffie-Hellman Key Agreement Method.

### Category

VPN (IPSec, PPTP, L2TP)

### Webpage

<http://tools.ietf.org/html/rfc2631>

## RFC 2617

### Description

HTTP Authentication: Basic and Digest Access Authentication.

### Category

Access (HTTP, TELNET, TFTP, FTP)

### Webpage

<http://tools.ietf.org/html/rfc2617>

### Obsoletes:

- RFC 2069

## RFC 2616

### Description

Hypertext Transfer Protocol -- HTTP/1.1

### Category

Access (HTTP, TELNET, TFTP, FTP)

### Webpage

<http://tools.ietf.org/html/rfc2616>

### Updated by:

- RFC 2817, Upgrading to TLS Within HTTP/1.1

## RFC 2578

### Description

Structure of Management Information Version 2 (SMIv2) (STD0058)

### Category

SNMP

### Webpage

<http://tools.ietf.org/html/rfc2578>

## RFC 2548

### Description

Microsoft Vendor-specific RADIUS Attributes

### Category

User (RADIUS, LDAP)

### Webpage

<http://tools.ietf.org/html/rfc2548>

## RFC 2545

### Description

Use of BGP-4 Multiprotocol Extensions for IPv6 Inter-Domain Routing

### Category

Router Internal BGP (IBGP)

### Webpage

<http://tools.ietf.org/html/rfc2545>

## RFC 2543 (Obsoleted)

### Description

SIP: Session Initiation Protocol

### Category

Sessions Initiate Protocol (SIP)

### Webpage

<http://tools.ietf.org/html/rfc2543>

### Obsoleted by:

- RFC 3261

## RFC 2535 (Obsoleted)

### Description

Domain Name System Security Extensions.

### Category

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

### Webpage

<http://tools.ietf.org/html/rfc2535>

### Obsoleted by:

- RFC 4033, DNS Security Introduction and Requirements,
- RFC 4034, Resource Records for the DNS Security Extensions,
- RFC 4035, Protocol Modifications for the DNS Security Extensions

## RFC 2516

### Description

A Method for Transmitting PPP Over Ethernet (PPPoE)

### Category

Interface (PPPoE, Ethernet)

### Webpage

<http://tools.ietf.org/html/rfc2516>

## RFC 2475

### Description

An Architecture for Differentiated Services.

### Category

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

### Webpage

<http://tools.ietf.org/html/rfc2475>

## RFC 2461

### Description

Neighbor Discovery for IP Version 6 (IPv6).

### Category

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

### Webpage

<http://tools.ietf.org/html/rfc2461>

### Obsoletes:

- RFC 1455
- RFC 1349

### Updated by:

- RFC 4311, IPv6 Host-to-Router Load Sharing.
- RFC 2474 Definition of the Differentiated Services Field (DS Field) in the IPv4 and IPv6 Headers
- RFC 2462, IPv6 Stateless Address Auto-configuration.

## RFC 2460

### Description

Internet Protocol, Version 6 (IPv6) Specification.

### Category

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

### Webpage

<http://tools.ietf.org/html/rfc2460>

## RFC 2459 (Obsoleted)

### Description

Internet X.509 Public Key Infrastructure Certificate and CRL Profile.

### Category

VPN (IPSec, PPTP, L2TP)

### Webpage

<http://tools.ietf.org/html/rfc2459>

### Obsoleted by:

- RFC 3280

## RFC 2453 (Updated)

### Description

RIP Version 2 (STD0056)

### Category

Router (RIP)

### Webpage

<http://tools.ietf.org/html/rfc2453>

### Updated by:

- RFC 4822, RIPv2 Cryptographic Authentication

## RFC 2451

### Description

The ESP CBC-Mode Cipher Algorithm.

### Category

VPN (IPSec, PPTP, L2TP)

### Webpage

<http://tools.ietf.org/html/rfc2451>

## RFC 2439

### Description

BGP Route Flap Damping.

### Category

Router (BGP)

### Webpage

<http://tools.ietf.org/html/rfc2439>

## RFC 2412

### Description

The OAKLEY Key Determination Protocol.

### Category

VPN (IPSec, PPTP, L2TP)

### Webpage

<http://tools.ietf.org/html/rfc2412>

## RFC 2411

### Description

IP Security Document Roadmap.

### Category

VPN (IPSec, PPTP, L2TP)

### Webpage

<http://tools.ietf.org/html/rfc2411>

## RFC 2410

### Description

The NULL Encryption Algorithm and its Use with IPsec.

### Category

VPN (IPSec, PPTP, L2TP)

### Webpage

<http://tools.ietf.org/html/rfc2410>

## RFC 2409

### Description

The Internet Key Exchange (IKE).

### Category

VPN (IPSec, PPTP, L2TP)

### Webpage

<http://tools.ietf.org/html/rfc2409>

## RFC 2408

### Description

Internet Security Association and Key Management Protocol.

### Category

VPN (IPSec, PPTP, L2TP)

### Webpage

<http://tools.ietf.org/html/rfc2408>

## RFC 2407

### Description

The Internet IP Security Domain of Interpretation for ISAKMP.

### Category

VPN (IPSec, PPTP, L2TP)

### Webpage

<http://tools.ietf.org/html/rfc2407>

## RFC 2406

### Description

IP Encapsulating Security Payload (ESP).

### Category

VPN (IPSec, PPTP, L2TP)

### Webpage

<http://tools.ietf.org/html/rfc2406>

## RFC 2405

### Description

The ESP DES-CBC Cipher Algorithm With Explicit IV.

### Category

VPN (IPSec, PPTP, L2TP)

### Webpage

<http://tools.ietf.org/html/rfc2405>

### Obsoletes:

- RFC 1829

## RFC 2404

### Description

The Use of HMAC-SHA-1-96 within ESP and AH.

### Category

VPN (IPSec, PPTP, L2TP)

### Webpage

<http://tools.ietf.org/html/rfc2404>

## RFC 2403

### Description

The Use of HMAC-MD5-96 within ESP and AH.

### Category

VPN (IPSec, PPTP, L2TP)

### Webpage

<http://tools.ietf.org/html/rfc2403>

## RFC 2402

### Description

IP Authentication Header.

### Category

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

### Webpage

<http://tools.ietf.org/html/rfc2402>

### Obsoletes:

- RFC 1826

## RFC 2401 (Obsoleted)

### Description

Security Architecture for the Internet Protocol.

### Category

VPN (IPSec, PPTP, L2TP)

### Webpage

<http://tools.ietf.org/html/rfc2401>

### Obsoleted by:

- RFC 4301

## RFC 2385

### Description

Protection of BGP Sessions via the TCP MD5 Signature Option.

### Category

Router (BGP)

### Webpage

<http://tools.ietf.org/html/rfc2385>

## RFC 2373 (Obsoleted)

### Description

IP Version 6 Addressing Architecture.

### Category

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

### Webpage

<http://tools.ietf.org/html/rfc2373>

### Obsoleted by:

- RFC 3513, Internet Protocol Version 6 (IPv6) Addressing Architecture.

## RFC 2370

### Description

The OSPF Opaque LSA Option.

### Updated by

- RFC 3630, Traffic Engineering (TE) Extensions to OSPF Version 2

### Category

Router (OSPF)

### Webpage

<http://tools.ietf.org/html/rfc2370>



## RFC 2365

### Description

Administratively Scoped IP Multicast.

### Category

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

### Webpage

<http://tools.ietf.org/html/rfc2365>

## RFC 2364

### Description

PPP Over AAL5

### Category

Interface (PPPoE, Ethernet)

### Webpage

<http://tools.ietf.org/html/rfc2364>

## RFC 2362 (Obsoleted)

### Description

Protocol Independent Multicast-Sparse Mode (PIM-SM): Protocol Specification

### Category

Router (PIM)

### Webpage

<http://tools.ietf.org/html/rfc2362>

### Obsoleted by:

- RFC 4601

### Obsoletes:

- RFC 2117

## RFC 2358 (Obsoleted)

### Description

Definitions of Managed Objects for the Ethernet-like Interface Types

### Category

SNMP

### Webpage

<http://tools.ietf.org/html/rfc2358>

### Obsoleted by:

- RFC 2665, Definitions of Managed Objects for the Ethernet-like Interface Types

## RFC 2328 (Updated)

### Description

OSPF Version 2 (STD0054).

### Category

Router (OSPF)

### Webpage

<http://tools.ietf.org/html/rfc2328>

### Updated by:

- RFC 5709

## RFC 2315

### Description

PKCS #7: Cryptographic Message Syntax Version 1.5

### Category

Cryptography (VPN)

### Webpage

<http://tools.ietf.org/html/rfc>

## RFC 2267 (Obsoleted)

### Description

Network Ingress Filtering: Defeating Denial of Service Attacks which employ IP Source Address Spoofing

### Category

Filters (Web, Email, NIDS)

### Webpage

<http://tools.ietf.org/html/rfc2267>

### Obsoleted by:

- RFC 2827, Network Ingress Filtering: Defeating Denial of Service Attacks which employ IP Source Address Spoofing (BCP0038)

## RFC 2251 (Obsoleted)

### Description

Lightweight Directory Access Protocol (v3)

### Category

User (RADIUS, LDAP)

### Webpage

<http://tools.ietf.org/html/rfc2251>

### Obsoleted by:

- RFC 4510, Lightweight Directory Access Protocol (LDAP): Technical Specification Road Map,
- RFC 4511, Lightweight Directory Access Protocol (LDAP): The Protocol, •
- RFC 2865, Remote Authentication Dial In User Service (RADIUS)

**Updated by:**

- RFC 2868, RADIUS Attributes for Tunnel Protocol Support,
- RFC 3575, IANA Considerations for RADIUS (Remote Authentication Dial In User Service)

## **RFC 2236 (Obsoleted)**

**Description**

Internet Group Management Protocol, Version 2

**Category**

Router (PIM)

**Webpage**

<http://tools.ietf.org/html/rfc2236>

**Obsoleted by:**

- RFC 3376

## **RFC 2236 (Obsoleted)**

**Description**

Internet Group Management Protocol, Version 2.

**Category**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage**

<http://tools.ietf.org/html/rfc2236>

**Obsoleted by:**

- RFC 3376, Internet Group Management Protocol, Version 3.

## **RFC 2233 (Obsoleted)**

**Description**

The Interfaces Group MIB using SMIv2

**Category**

SNMP

**Webpage**

<http://tools.ietf.org/html/rfc2233>

**Obsoleted by:**

- RFC 2863, The Interfaces Group MIB

## RFC 2225

### Description

Classical IP and ARP over ATM

### Category

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

### Webpage

<http://tools.ietf.org/html/rfc2225>

## RFC 2185

### Description

Routing Aspects of IPv6 Transition.

### Category

Router (IS-IS)

### Webpage

<http://tools.ietf.org/html/rfc2185>

## RFC 2181

### Description

Clarifications to the DNS Specification

### Category

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

### Webpage

<http://tools.ietf.org/html/rfc2181>

### Updated by:

- RFC 2535, Domain Name System Security Extensions,
- RFC 4033, DNS Security Introduction and Requirements,
- RFC 4034, Resource Records for the DNS Security Extensions,
- RFC 4035, Protocol Modifications for the DNS Security Extensions,
- RFC 4343, Domain Name System (DNS) Case Insensitivity Clarification

## RFC 2131

### Description

Dynamic Host Configuration Protocol

### Category

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

### Webpage

<http://tools.ietf.org/html/rfc2131>

### Updated by:

- RFC 3396, Encoding Long Options in the Dynamic Host Configuration Protocol (DHCPv4),
- RFC 4361, Node specific Client Identifiers for Dynamic Host Configuration Protocol Version Four (DHCPv4)

## RFC 2117 (Obsoleted)

### Description

Protocol Independent Multicast-Sparse Mode (PIM-SM): Protocol Specification

### Category

Router (PIM)

### Webpage

<http://tools.ietf.org/html/rfc2117>

### Obsoleted by:

- RFC 2362

## RFC 2104

### Description

HMAC: Keyed-Hashing for Message Authentication.

### Category

VPN (IPSec, PPTP, L2TP)

### Webpage

<http://tools.ietf.org/html/rfc2104>

## RFC 2085

### Description

HMAC-MD5 IP Authentication with Replay Prevention.

### Category

Router (IS-IS)

### Webpage

<http://tools.ietf.org/html/rfc2085>

## RFC 2082 (Obsoleted)

### Description

RIP-2 MD5 Authentication

### Category

Router (RIP)

### Webpage

<http://tools.ietf.org/html/rfc2082>

### Obsoleted by:

- RFC 4822

## RFC 2072

### Description

Router Renumbering Guide.

### Category

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

### Webpage

<http://tools.ietf.org/html/rfc2072>

## RFC 2071

### Description

Network Renumbering Overview: Why would I want it and what is it anyway?

### Category

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

### Webpage

<http://tools.ietf.org/html/rfc2071>

## RFC 2068 (Obsoleted)

### Description

Hypertext Transfer Protocol -- HTTP/1.1

### Category

Access (HTTP, TELNET, TFTP, FTP)

### Webpage

<http://tools.ietf.org/html/rfc2068>

### Obsoleted by:

- RFC 2616, Hypertext Transfer Protocol -- HTTP/1.1

## RFC 2027

### Description

IAB and IESG Selection, Confirmation, and Recall Process: Operation of the Nominating and Recall Committees.

### Category

Router (BGP)

### Webpage

<http://tools.ietf.org/html/rfc2027>

## RFC 2013 (Obsoleted)

### Description

SNMPv2 Management Information Base for the User Datagram Protocol using SMIv2

### Category

SNMP

### Webpage

<http://tools.ietf.org/html/rfc2233>

### Obsoleted by:

- RFC 4113, Management Information Base for the User Datagram Protocol (UDP)

## RFC 2012 (Obsoleted)

### Description

SNMPv2 Management Information Base for the Transmission Control Protocol using SMIv2

### Category

SNMP

### Webpage

<http://tools.ietf.org/html/rfc2012>

### Obsoleted by:

- RFC 4022, Management Information Base for the Transmission Control Protocol (TCP)

## RFC 2011 (Obsoleted)

### Description

SNMPv2 Management Information Base for the Internet Protocol using SMIv2

### Category

SNMP

### Webpage

<http://tools.ietf.org/html/rfc2011>

### Obsoleted by:

- RFC 4293, Management Information Base for the Internet Protocol (IP)

## RFC 1997

### Description

BGP Communities Attribute.

### Category

Router (BGP)

### Webpage

<http://tools.ietf.org/html/rfc1997>

## RFC 1981

### Description

Path MTU Discovery for IP version 6

### Category

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

### Webpage

<http://tools.ietf.org/html/rfc1981>

## RFC 1945

### Description

Hypertext Transfer Protocol -- HTTP/1.0

### Category

Access (HTTP, TELNET, TFTP, FTP)

### Webpage

<http://tools.ietf.org/html/rfc1945>

## RFC 1933 (Obsoleted)

### Description

Transition Mechanisms for IPv6 Hosts and Routers.

### Category

Router (IS-IS)

### Webpage

<http://tools.ietf.org/html/rfc1933>

### Obsoleted by:

- RFC 2893



## RFC 1930

### Description

Guidelines for creation, selection, and registration of an Autonomous System (AS)

### Category

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

### Webpage

<http://tools.ietf.org/html/rfc1930>

## RFC 1918

### Description

Address Allocation for Private Internets (BCP0005)

### Category

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

### Webpage

<http://tools.ietf.org/html/rfc1918>

## RFC 1883

### Description

Internet Protocol, Version 6 (IPv6)

### Category

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

### Webpage

<http://tools.ietf.org/html/rfc1883>

## RFC 1867 (Obsoleted)

### Description

Form-based File Upload in HTML

### Category

Access (HTTP, TELNET, TFTP, FTP)

### Webpage

<http://tools.ietf.org/html/rfc1867>

### Obsoleted by:

- RFC 2854, The 'text/html' Media Type

## **RFC 1866 (Obsoleted)**

### **Description**

Hypertext Markup Language, - 2.0

### **Category**

Access (HTTP, TELNET, TFTP, FTP)

### **Webpage**

<http://tools.ietf.org/html/rfc1886>

### **Obsoleted by:**

- RFC 2854, The 'text/html' Media Type

## **RFC 1850 (Obsoleted)**

### **Description**

OSPF Version 2 Management Information Base.

### **Category**

Router (OSPF)

### **Webpage**

<http://tools.ietf.org/html/rfc1850>

### **Obsoleted by:**

- RFC 4750

## **RFC 1829 (Obsoleted)**

### **Description**

The ESP DES-CBC Transform.

### **Category**

VPN (IPSec, PPTP, L2TP)

### **Webpage**

<http://tools.ietf.org/html/rfc1829>

### **Obsoleted by:**

- RFC 2405

## RFC 1812

### Description

Requirements for IP Version 4 Routers

### Category

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

### Webpage

<http://tools.ietf.org/html/rfc1812>

### Updated by:

- RFC 2644, Changing the Default for Directed Broadcasts in Routers (BCP 0034)

## RFC 1777(Obsoleted)

### Description

Lightweight Directory Access Protocol

### Category

User (RADIUS, LDAP)

### Webpage

<http://tools.ietf.org/html/rfc1777>

### Obsoleted by:

- RFC 3494, Lightweight Directory Access Protocol version 2 (LDAPv2) to Historic Status

## RFC 1772

### Description

Application of the Border Gateway Protocol in the Internet.

### Category

Router (BGP)

### Webpage

<http://tools.ietf.org/html/rfc1772>

### Obsoletes:

- RFC 1655

## RFC 1771 (Obsoleted)

### Description

Border Gateway Protocol 4 (BGP-4).

### Category

Router (BGP)

### Webpage

<http://tools.ietf.org/html/rfc1771>

### Obsoleted by:

- RFC 4271

## RFC 1765

### Description

OSPF Database Overflow.

### Category

Router (OSPF)

### Webpage

<http://tools.ietf.org/html/rfc1765>

## RFC 1752

### Description

The Recommendation for the IP Next Generation Protocol.

### Category

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

### Webpage

<http://tools.ietf.org/html/rfc1752>

## RFC 1724

### Description

RIP Version 2 MIB Extension

### Category

Router (RIP)

### Webpage

<http://tools.ietf.org/html/rfc1724>

## RFC 1723 (Obsoleted)

### Description

RIP Version 2 - Carrying Additional Information (STD0056)

### Category

Router (RIP)

### Webpage

<http://tools.ietf.org/html/rfc1723>

### Obsoleted by:

- RFC 2453

## RFC 1700 (Obsoleted)

### Description

Assigned Numbers (STD0002)

### Category

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

### Webpage

<http://tools.ietf.org/html/rfc1700>

### Obsoleted by:

- RFC 3232, Assigned Numbers:
- RFC 1700 is Replaced by an On-line Database

## RFC 1661

### Description

The Point-to-Point Protocol (PPP) (STD0051)

### Category

Interface (PPPoE, Ethernet)

### Webpage

<http://tools.ietf.org/html/rfc1661>

### Updated by:

- RFC 2153, PPP Vendor Extensions

## RFC 1655 (Obsoleted)

### Description

Application of the Border Gateway Protocol in the Internet.

### Category

Router (BGP)

### Webpage

<http://tools.ietf.org/html/rfc1655>

### Obsoleted by:

- RFC 1772

## RFC 1631 (Obsoleted)

### Description

The IP Network Address Translator (NAT).

### Category

VPN (IPSec, PPTP, L2TP)

### Webpage

<http://tools.ietf.org/html/rfc1631>

### Obsoleted by:

- RFC 3022

## RFC 1577 (Obsoleted)

### Description

Classical IP and ARP over ATM

### Category

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

### Webpage

<http://tools.ietf.org/html/rfc1577>

### Obsoleted by:

- RFC 2225, Classical IP and ARP over ATM

## RFC 1573

### Description

Evolution of the Interfaces Group of MIB-II. This RFC obsoletes RFC 1229.

### Category

SNMP

### Webpage

<http://tools.ietf.org/html/rfc1573>

## RFC 1519 (Obsoleted)

### Description

Classless Inter-Domain Routing (CIDR): an Address Assignment and Aggregation Strategy

### Category

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

### Webpage

<http://tools.ietf.org/html/rfc>

### Obsoleted by:

- RFC 4632, The Internet Address Assignment and Aggregation Plan.

## RFC 1422

### Description

Privacy Enhancement for Internet Electronic Mail: Part II: Certificate-based Key Management.

### Category

Filters (Web, Email, NIDS)

### Webpage

<http://tools.ietf.org/html/rfc1422>

### Obsoletes:

- RFC 1114

## RFC 1413

### Description

Identification Protocol.

### Category

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

### Webpage

<http://tools.ietf.org/html/rfc1413>

### Obsoletes:

- RFC 931

## RFC 1388 (Obsoleted)

### Description

RIP Version 2 - Carrying Additional Information

### Category

Router (RIP)

### Webpage

<http://tools.ietf.org/html/rfc1388>

### Obsoleted by:

- RFC 1723

## RFC 1370

### Description

Applicability Statement for OSPF.

### Category

Router (OSPF)

### Webpage

<http://tools.ietf.org/html/rfc1370>

## RFC 1349 (Obsoleted)

### Description

Type of Service in the Internet Protocol Suite

### Category

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

### Webpage

<http://tools.ietf.org/html/rfc1349>

### Obsoleted by:

- RFC 2474, Definition of the Differentiated Services Field (DS Field) in the IPv4 and IPv6 Headers

## RFC 1340 (Obsoleted)

### Description

Assigned Numbers

### Category

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

### Webpage

<http://tools.ietf.org/html/rfc1340>

### Obsoleted by:

- RFC 1700, Assigned Numbers (STD0002)



## RFC 1323

### Description

TCP Extensions for High Performance

### Category

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

### Webpage

<http://tools.ietf.org/html/rfc1323>

## RFC 1321

### Description

The MD5 Message-Digest Algorithm.

### Category

Router (OSPF)

VPN (IPSec, PPTP, L2TP)

### Webpage

<http://tools.ietf.org/html/rfc1321>

## RFC 1305

### Description

Network Time Protocol (Version 3) Specification, Implementation, and Analysis (STD0012)

### Category

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

### Webpage

<http://tools.ietf.org/html/rfc1305>

## RFC 1238

### Description

CLNS MIB for use with Connectionless Network Protocol (ISO 8473) and End System to Intermediate System (ISO 9542).

### Category

Router (IS-IS)

### Webpage

<http://tools.ietf.org/html/rfc1238>

### Obsoletes:

- RFC 1162

## RFC 1215

### Description

Convention for defining traps for use with the SNMP (applies to MIB files only)

### Category

SNMP

### Webpage

<http://tools.ietf.org/html/rfc1215>

## RFC 1213 (Updated)

### Description

Management Information Base for Network Management of TCP/IP-based internets:MIB-II (STD0017)

### Category

SNMP

### Webpage

<http://tools.ietf.org/html/rfc1213>

### Updated by:

- RFC 2011, SNMPv2 Management Information Base for the Internet Protocol using SMIv2,
- RFC 2012, SNMPv2 Management Information Base for the Transmission Control Protocol using SMIv2, and
- RFC 2013, SNMPv2 Management Information Base for the User Datagram Protocol using SMIv2

## RFC 1212

### Description

Concise MIB definitions (STD0016) (applies to MIB files only)

### Category

SNMP

### Webpage

<http://tools.ietf.org/html/rfc1212>

## RFC 1195

### Description

Use of OSI IS-IS for Routing in TCP/IP and Dual Environments Routing (Transition from IPv4 to IPv6).

### Category

Router (IS-IS)

### Webpage

<http://tools.ietf.org/html/rfc1195>

## RFC 1191

### Description

Path MTU discovery

### Category

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

### Webpage

<http://tools.ietf.org/html/rfc1191>

## RFC 1162 (Obsoleted)

### Description

Connectionless Network Protocol and End System to Intermediate System.

### Category

Router (IS-IS)

### Webpage

<http://tools.ietf.org/html/rfc1162>

### Obsoleted by:

- RFC 1238

## RFC 1157

### Description

Simple Network Management Protocol (SNMP) (STD0015) (HISTORIC)

### Category

SNMP

### Webpage

<http://tools.ietf.org/html/rfc1157>

## RFC 1156

### Description

Management Information Base for network management of TCP/IP-based internets (HISTORIC)

### Category

SNMP

### Webpage

<http://tools.ietf.org/html/rfc1156>

## RFC 1155

### Description

Structure and Identification of Management Information for TCP/IPbased Internets (STD0016)

### Category

SNMP

### Webpage

<http://tools.ietf.org/html/rfc1155>

## RFC 1142

### Description

OSI IS-IS Intra-domain Routing Protocol.

### Category

Router (IS-IS)

### Webpage

<http://tools.ietf.org/html/rfc1142>

## RFC 1123

### Description

Requirements for Internet Hosts - Application and Support (STD0003)

### Category

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

### Webpage

<http://tools.ietf.org/html/rfc1123>

### Updated by:

- RFC 1349, Type of Service in the Internet Protocol Suite,
- RFC 2181, Clarifications to the DNS Specification

## RFC 1119 (Obsoleted)

### Description

Network Time Protocol (Version 2) Specification and Implementation (STD0012)

### Category

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

### Webpage

<http://tools.ietf.org/html/rfc1119>

### Obsoleted by:

- RFC 1305, Network Time Protocol (Version 3) Specification, Implementation and Analysis

## RFC 1112

### Description

Host extensions for IP multicasting (STD0005)

### Category

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

### Webpage

<http://tools.ietf.org/html/rfc1112>

### Updated by:

- RFC 2236, Internet Group Management Protocol, Version 2

## RFC 1112 (Updated)

### Description

Host Extensions for IP Multicasting (STD0005)

### Category

Router (PIM)

### Webpage

<http://tools.ietf.org/html/rfc1112>

### Updated by:

- RFC 2236, Internet Group Management Protocol, Version 2

## RFC 1058 (Updated)

### Description

Routing Information Protocol

### Category

Router (RIP)

### Webpage

<http://tools.ietf.org/html/rfc1058>

### Updated by:

- RFC 1388, RIP Version 2 - Carrying Additional Information
- RFC 1723, RIP Version 2 - Carrying Additional Information (STD0056)

## RFC 1035

### Description

Domain names, implementation and specification (STD0013)

### Category

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

### Webpage

<http://tools.ietf.org/html/rfc1035>

### Updated by:

- RFC 1101, DNS encoding of network names and other types,
- RFC 1183, New DNS RR Definitions,
- RFC 1348, DNS NSAP RRs,
- RFC 1876, A Means for Expressing Location Information in the Domain Name System,
- RFC 1982, Serial Number Arithmetic,
- RFC 1995, Incremental Zone Transfer in DNS,
- RFC 1996, A Mechanism for Prompt Notification of Zone Changes (DNS NOTIFY),
- RFC 2065, Domain Name System Security Extensions,
- RFC 2136, Dynamic Updates in the Domain Name System (DNS UPDATE),
- RFC 2181, Clarifications to the DNS Specification,
- RFC 2137, Secure Domain Name System Dynamic,
- RFC 2308, Negative Caching of DNS Queries (DNS NCACHE),
- RFC 2535, Domain Name System Security Extensions,
- RFC 2845, Secret Key Transaction Authentication for DNS (TSIG),
- RFC 3425, Obsoleting IQUERY,
- RFC 3658, Delegation Signer (DS) Resource Record (RR),
- RFC 4033, DNS Security Introduction and Requirements,
- RFC 4034, Resource Records for the DNS Security Extensions,
- RFC 4035, Protocol Modifications for the DNS Security Extensions,
- RFC 4343, Domain Name System (DNS) Case Insensitivity Clarification

## RFC 894

### Description

Standard for the transmission of IP datagrams over Ethernet networks (STD0041)

### Category

Interface (PPPoE, Ethernet)

### Webpage

<http://tools.ietf.org/html/rfc894>

## RFC 862

### Description

Echo Protocol

### Category

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

### Webpage

<http://tools.ietf.org/html/rfc862>

## RFC 822 (Obsoleted)

### Description

Standard for the format of ARPA Internet text messages (STD0011).

### Category

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

### Webpage

<http://tools.ietf.org/html/rfc822>

### Obsoleted by:

- RFC 2822, Internet Message Format

## RFC 793

### Description

Transmission Control Protocol (STD0007).

### Category

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

### Webpage

<http://tools.ietf.org/html/rfc793>

### Updated by:

- RFC 3168, The Addition of Explicit Congestion Notification (ECN) to IP.

## RFC 792

### Description

Internet Control Message Protocol (STD0005).

### Category

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

### Webpage

<http://tools.ietf.org/html/rfc792>

### Updated by:

- RFC 950, Internet Standard Subnetting Procedure (STD0005).

## RFC 791

### Description

Internet Protocol (STD0005).

### Category

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

### Webpage

<http://tools.ietf.org/html/rfc791>

### Updated by:

- RFC 1349, Type of Service in the Internet Protocol Suite.

## RFC 768

### Description

User Datagram Protocol.

### Category

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

### Webpage

<http://tools.ietf.org/html/rfc768>

## PKCS #12

### Description

Personal Information Exchange Syntax Standard

### Category

Cryptography (VPN)

### Webpage

<http://tools.ietf.org/html/draft-moriarty-pkcs12v1-1-01>



## draft-grant-tacacs-02.txt

### Description

The TACACS+ Protocol Version 1.78

### Category

User (RADIUS, LDAP)

### Webpage

<http://tools.ietf.org/html/draft-grant-tacacs-02>

## Notes :

### RFC 2543

#### Description

SIP: Session Initiation Protocol

#### Details

The RFC 2543 branch CLI keyword of the config application list command has been added in FortiOS 4.0MR1 to support RFC 2543 due to SIP calls involving branch commands that are missing or that are valid for RFC 2543 but invalid for RFC 3261.

#### Webpage

<http://tools.ietf.org/html/rfc2543>

### RFC 2138

#### Description

Remote Authentication Dial In User Service (RADIUS) and RFC RADIUS Accounting.

#### Details

Description of the config user profile-attribute command. RADIUS attribute used to hold the firewall protection profile name.

#### Webpage

<http://tools.ietf.org/html/rfc2138>

### RFC 2132

#### Description

DHCP Options and BOOTP Vendor Extensions

#### Details

The option1, option2, and option3 keywords are available in the system dhcp server CLI command. FortiOS 4.0 MR1 implements the RAW profile of RFC 3195 (Reliable Delivery for syslog). You can configure this feature only in the CLI.

Proxy ARP is defined in RFC 1027

#### Webpage

<http://tools.ietf.org/html/rfc2132>

## RFC 2080

### Description

RIPng for IPv6

### Details

The command "router ripng" has been added in FortiOS 4.0MR1 to configure FortiGate support for RIPng. RIPng is the next generation (ng) version of RIP that supports IPv6.

### Webpage

<http://tools.ietf.org/html/rfc2080>

## RFC 1966

### Description

Internal BGP (IBGP) route reflectors

### Details

The FortiGate unit can operate as a route reflector or participate as a client in a cluster of IBGP peers.

### Webpage

<http://tools.ietf.org/html/rfc1966>

## RFC 1583

### Description

TOS Application Routing.

### Details

TOS Application Routing is supported by OSPF routing. RFC 1583 compatibility can be enabled or disabled from CLI.

### Webpage

<http://tools.ietf.org/html/rfc1583>

# FortiSwitch - Supported RFCs

## RFC 3289

### Description

DIFFSERV-DSCP-TC.  
DIFFSERV-MIB.  
QOS-DIFFSERV-EXTENSIONS-MIB.  
QOS-DIFFSERV-PRIVATE-MIB.

### Category

MIB

### Webpage

<http://tools.ietf.org/html/rfc3289>

## RFC 2819

### Description

Remote Network Monitoring Management Information Base.

### Category

SNMP

### Webpage

<http://tools.ietf.org/html/rfc2819>

## RFC 2787

### Description

Definitions of Managed Objects for the Virtual Router Redundancy Protocol.

### Category

MIB

### Webpage

<http://tools.ietf.org/html/rfc2787>

## RFC 2620

**Description**

Radius-Acc-Client-MIB.

**Category**

MIB

**Webpage**

<http://tools.ietf.org/html/rfc2620>

## RFC 2618

**Description**

Radius-Auth-Client-MIB.

**Category**

MIB

**Webpage**

<http://tools.ietf.org/html/rfc2618>

## RFC 2576

**Description**

Coexistence between SNMPs.

**Category**

SNMP

**Webpage**

<http://tools.ietf.org/html/rfc2576>

## RFC 2573

**Description**

SNMP Applications.

**Category**

SNMP

**Webpage**

<http://tools.ietf.org/html/rfc2573>

## RFC 2572

### Description

Message Processing for SNMP.

### Category

SNMP

### Webpage

<http://tools.ietf.org/html/rfc2572>

## RFC 2571

### Description

SNMP Frameworks.

### Category

SNMP

### Webpage

<http://tools.ietf.org/html/rfc2571>

## RFC 2362

### Description

Protocol Independent Multicast-Sparse Mode (PIM-SM): Protocol Specification.

### Category

Router (PIM SM)

### Webpage

<http://tools.ietf.org/html/rfc2362>

## RFC 2328

### Description

OSPF Version 2.

### Category

OSPF

### Webpage

<http://tools.ietf.org/html/rfc2328>

## RFC 2233

**Description**

Interface MIB.

**Category**

SNMP

**Webpage**

<http://tools.ietf.org/html/rfc2233>

## RFC 1850

**Description**

OSPF-TRAP-MIB.

**Category**

MIB

**Webpage**

<http://tools.ietf.org/html/rfc1850>

## RFC 1724

**Description**

RIPv2-MIB.

**Category**

MIB

**Webpage**

<http://tools.ietf.org/html/rfc1724>

## RFC 1643

**Description**

Ether-like MIB.

**Category**

SNMP

**Webpage**

<http://tools.ietf.org/html/rfc1643>

## RFC 1583

**Description**

OSPF Version 2.

**Category**

OSPF

**Webpage**

<http://tools.ietf.org/html/rfc1583>

## RFC 1493

**Description**

Bridge.

**Category**

SNMP

**Webpage**

<http://tools.ietf.org/html/rfc1493>

## RFC 1213

**Description**

MIB II parts that apply to FortiSwitch 100 units.

**Category**

SNMP

**Webpage**

<http://tools.ietf.org/html/rfc1213>

## RFC 2934

**Description**

PIM-MIB.

DVMRP-STD-MIB.

IANA-RTPROTO-MIB.

MULTICAST-MIB.

**Category**

MIB

**Webpage**

<http://tools.ietf.org/html/rfc2934>

## RFC 2932

### Description

IPMROUTE-MIB.  
Fortinet Enterprise MIB.  
ROUTING-MIB.  
MGMD-MIB.

### Category

MIB

### Webpage

<http://tools.ietf.org/html/rfc2932>

## RFC 2674

### Description

Definitions of Managed Objects for Bridges with Traffic Classes, Multicast Filtering and Virtual LAN Extensions.

### Category

MIB

### Webpage

<http://tools.ietf.org/html/rfc2674>



# FortiWeb - Supported RFCs

For a complete list of FortiWeb's supported RFCs and standards, refer to FortiWeb documentation at <http://docs-legacy.fortinet.com/fweb.html>.

Download the *FortiWeb Administration Guide* for your release and navigate to the appendix labelled "Supported RFCs, W3C, & IEEE standards".

